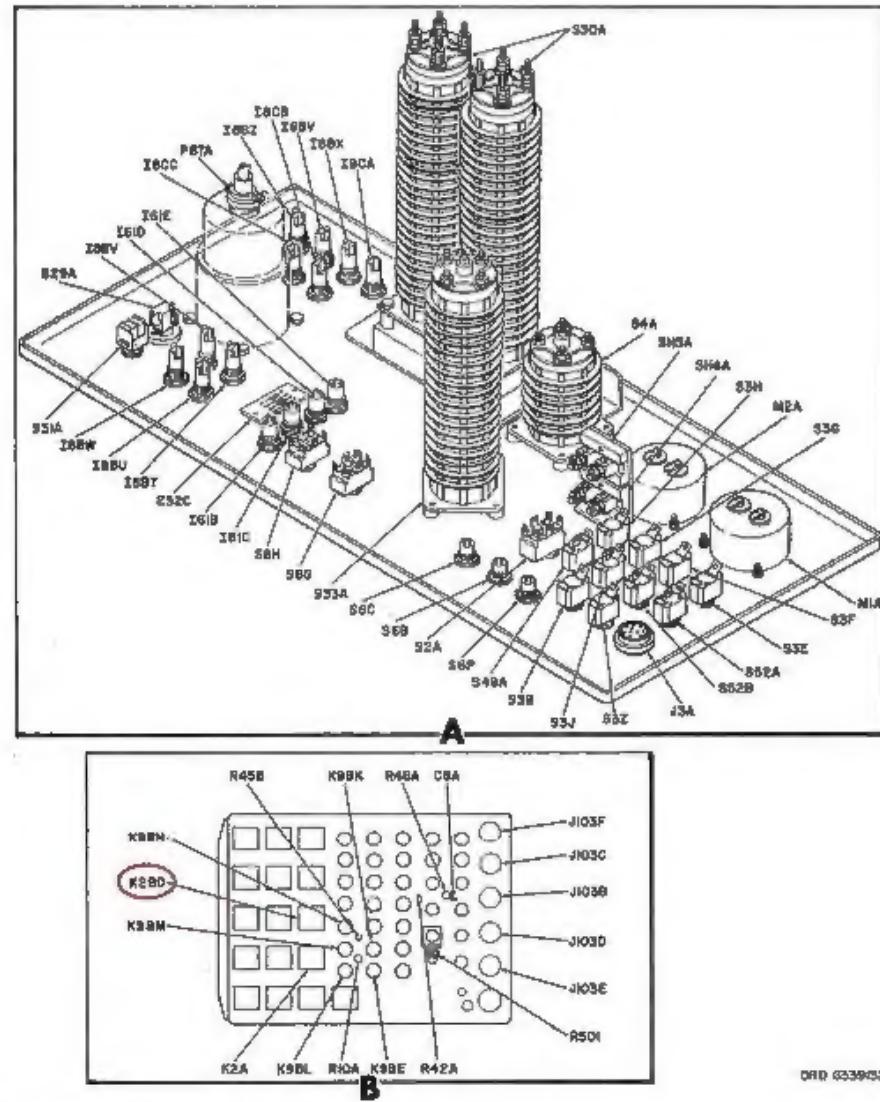
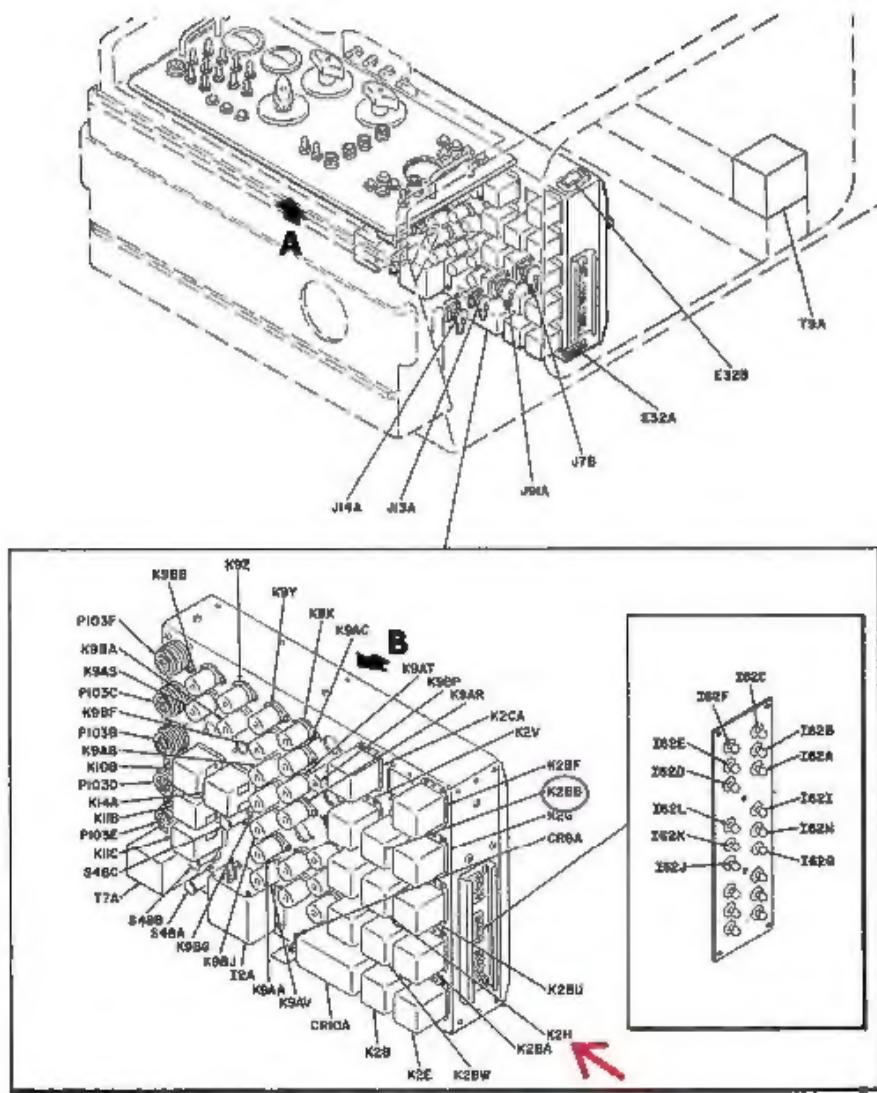
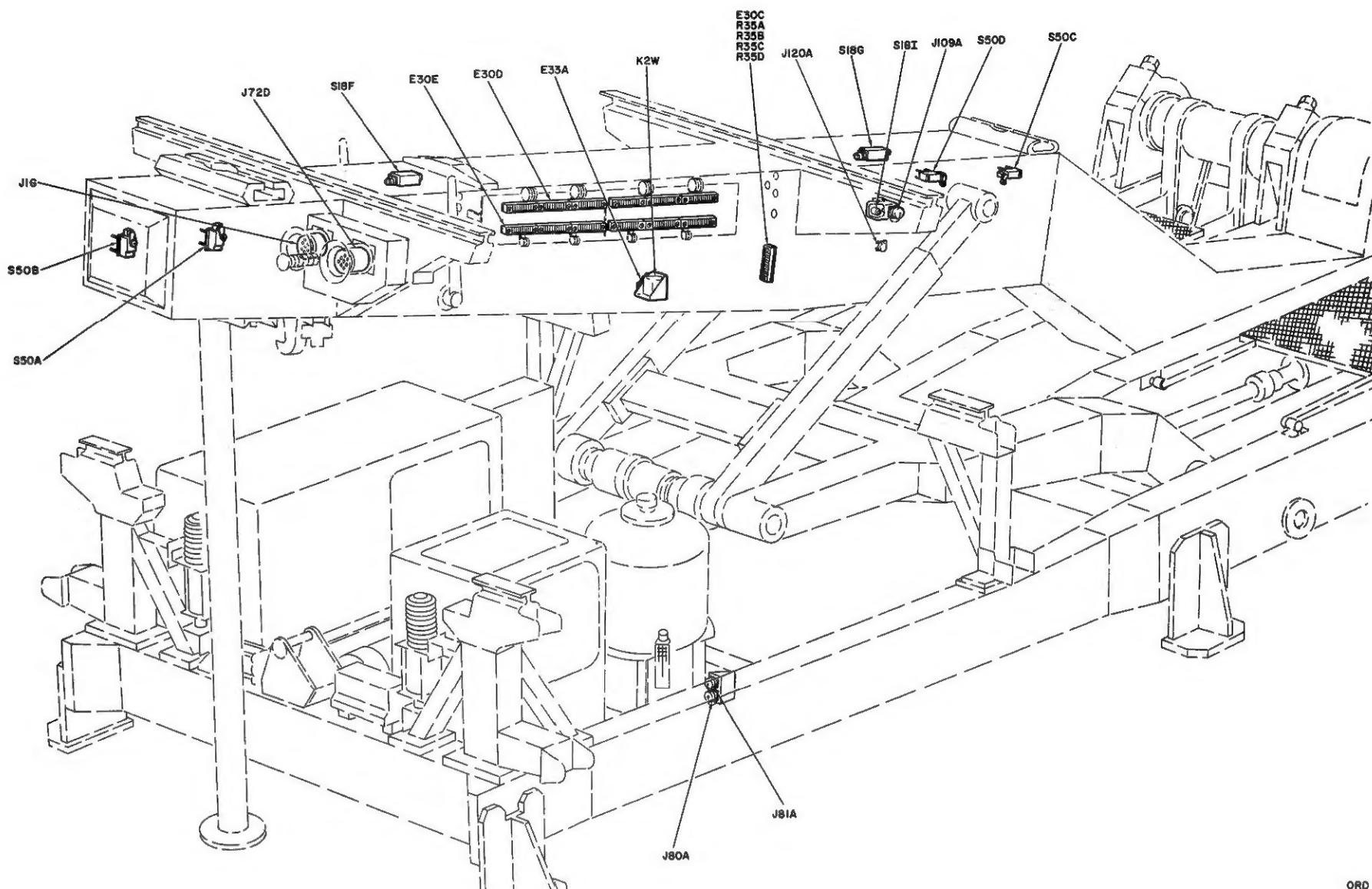


Launcher power distribution box—locational view.



Locational control-indicator-locational view (sheet 2 of 2).



Launcher erecting beam - locational view.

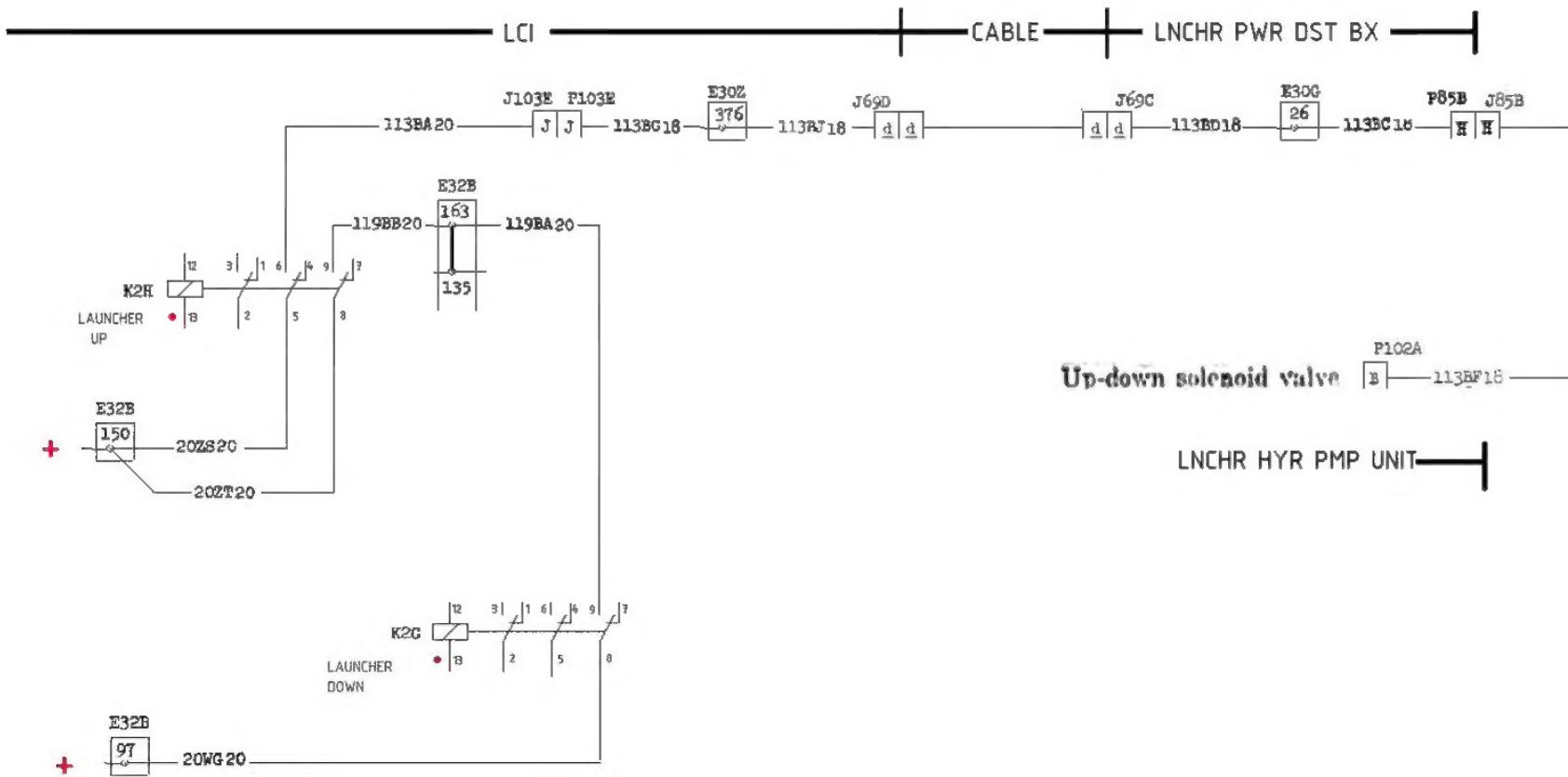


Table 17. Test Station Hydraulic Pumping Unit—Front Panel—Controls and Indicators

Control or Indicator	Type	Function
ACCUM. AIR PRESS. gage		Indicates accumulator air pressure in thousands of pounds per square inch.
MISSILE HYD. TEST PRESS. gage		Indicates pressure used in missile testing in thousands of pounds per square inch.
PUMP HYD. PRESS. gage		Indicates hydraulic pump pressure in thousands of pounds per square inch.
SYSTEM BLEED valve	Globe	When opened, returns hydraulic pump pressure directly to reservoir.

Table 18. Test Station Hydraulic Pumping Unit—Circuit Breaker Box—Controls and Indicators

Control or Indicator	Apparatus designation	Type	Function
HYD. PUMP MTR. circuit breaker	CB3	Pushbutton	When tripped, indicates thermal overload in hydraulic pump.
MOTOR POWER circuit breaker	CB2	Rotary (three-position)	When set to ON position, applies ac power to test station hydraulic pumping unit. When set to TRIP position, indicates ac overload.
RELAY POWER circuit breaker	CB1	Toggle (three-position)	When set to ON position, applies dc power to test station hydraulic pumping unit. When set to TRIP position, indicates dc overload.

Table 19. Elevator Master Control Panel—Controls

Control	Type	Function
DOORS CLOSED switch	Pushbutton	When depressed, closes elevator doors provided ELEVATOR-MASTER-CONSOLE switch is set to MASTER.
DOORS OPEN switch	Pushbutton	When depressed, opens elevator doors, provided ELEVATOR-MASTER-CONSOLE switch is set to MASTER.
ELEVATOR-MASTER-CONSOLE switch	Rotary (three-position)	When set to ELEVATOR position, control of elevator is on elevator control panel. When set to MASTER position, control of elevator is on elevator master control panel. When set to CONSOLE position, control of elevator and launcher is on SCI.
ELEVATOR DOWN switch	Pushbutton	When depressed, lowers elevator, provided ELEVATOR-MASTER-CONSOLE switch is set to MASTER.
ELEVATOR UP switch	Pushbutton	When depressed, raises elevator, provided ELEVATOR-MASTER-CONSOLE switch is set to MASTER.
STOP switch	Pushbutton	When depressed, stops elevator, provided ELEVATOR-MASTER-CONSOLE switch is set to MASTER.

Table 3. Daily Missile and Launcher Checks—Continued

Step	Operation	Normal indication	Corrective procedure
3— Cont.		<ul style="list-style-type: none"> <li><i>o.</i> Repeat steps <i>a</i> through <i>h</i> and <i>i</i> through <i>n</i> above for each missile equipped with an APS.</li> <li><i>p.</i> Repeat steps <i>a</i> through <i>e</i> and <i>i</i> through <i>n</i> above for each missile equipped with an HPU.</li> </ul>	
4.	<ul style="list-style-type: none"> <li>Perform the launcher checks.</li> <li><i>a.</i> Insure that the EQUILIBRATOR SYSTEM BY-PASS and SYSTEM BY-PASS valves are closed.</li> </ul>	<p style="text-align: center;"><b>EQUILIBRATOR ACCUMULATOR PRESSURE</b> gage indicates 1,000 to 2,700 psi.</p> <ul style="list-style-type: none"> <li><i>b.</i> Observe the hydraulic-oil reservoir sight gage.</li> </ul>	
		Sight gage indicates above REFILL.	
		<ul style="list-style-type: none"> <li><i>c.</i> Open the SYSTEM BY-PASS and EQUILIBRATOR SYSTEM BY-PASS valves and observe the gages.</li> </ul>	
		HYDRAULIC RESERVOIR PRESSURE gage indicates 18 to 25 psi, EQUILIBRATOR ACCUMULATOR PRESSURE gage indicates 500 to 700 psi, SURGE ACCUMULATOR PRESSURE gage indicates 1,800 to 2,200 psi, and AIR RESERVOIR PRESSURE gage indicates 600 to 2,000 psi.	
		<ul style="list-style-type: none"> <li><i>d.</i> Close the SYSTEM BY-PASS and EQUILIBRATOR SYSTEM BY-PASS valves.</li> <li><i>e.</i> At the LCI, set the TEST-FIRE switch to FIRE.</li> </ul>	
		<ul style="list-style-type: none"> <li><i>e.1.</i> At the SCI, set the LAUNCHER POWER switch to ON for the appropriate launcher, and set all INTER COMM switches to ON.</li> </ul>	
		<p>Caution: If the up cycle is interrupted for any reason, the erecting beam must be lowered to the horizontal position before completing the up cycle. The erecting beam must complete a full down cycle prior to reversing its direction.</p>	
		<ul style="list-style-type: none"> <li><i>f.</i> At the SCI, raise and lower the erecting beam to charge the equilibrator accumulator.</li> <li><i>f.1.</i> At the LCI, set the TEST-FIRE switch to TEST.</li> </ul>	
		EQUILIBRATOR ACCUMULATOR PRESSURE gage indicates 1,500 to 2,700 psi at completion of down cycle.	
		<ul style="list-style-type: none"> <li><i>g.</i> Check for hydraulic leakage.</li> <li><i>h.</i> Perform a visual check of the launcher for obvious defects.</li> <li><i>i.</i> Repeat steps <i>a</i> through <i>h</i> above for the remaining launchers.</li> <li><i>j.</i> Return all controls and switches, except MISSILE HEAT, to the shutdown condition unless proceeding to a subsequent table.</li> </ul>	

Table 4. Daily Launcher Control-Group Checks

Step	Operation	Normal indication	Corrective procedure
1.	<ul style="list-style-type: none"> <li>Perform the launcher control-group checks.</li> <li><i>a.</i> Check that the launcher control-group generator or frequency converter is operating.</li> </ul>		